

Abstract

In case print operation is performed using only a single ink, a problem arises. If a profile is referred to, it is impossible to use only the single ink. If a profile is not referred to, the color tone differs from that rendered when with respect to the single color, color conversion is carried out referring to a profile. Input image data wherein colors are rendered by the combinations of a plurality of color component values is acquired. Then, the input image data is transformed into output image data wherein colors are rendered by the combinations of gradation values corresponding to ink colors used in a printing device when print operation is performed. At this time, a color conversion table for transforming a specific color in input image data into output image data wherein colors rendered only by a specific color component value are specified is generated, referring to a previously stored profile. With respect to the specific color, color conversion is carried out, referring to the color conversion table, when print operation is performed.